

Comparisons of Job Characteristics

Focus Occupation: [Home Appliance Repairers \(49-9031\)](#)

Associated Occupation: [Plumbers, Pipefitters, and Steamfitters \(47-2152\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 35

Focus Occupation: Home Appliance Repairers (49-9031)

Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	17.0	11.0	<<	Extensive education and/or training may be required
Building and Construction	4.0	16.6	2.1	<<	Extensive education and/or training may be required
Design	5.2	11.2	3.3	<<	Extensive education and/or training may be required
Mathematics	9.2	11.0	5.2	<<	Extensive education and/or training may be required
Physics	4.3	9.6	5.7	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	9.1	5.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Home Appliance Repairers (49-9031)

Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	8.7	9.2	0	Current skill level may be sufficient
Quality Control Analysis	5.9	8.7	11.8	>>	Skill level is likely more than sufficient
Repairing	3.4	8.4	12.7	>>	Skill level is likely more than sufficient
Troubleshooting	4.5	8.4	11.9	>>	Skill level is likely more than sufficient
Equipment Maintenance	3.5	7.5	11.1	>>	Skill level is likely more than sufficient
Equipment Selection	3.3	6.0	8.7	>>	Skill level is likely more than sufficient

Installation	1.7	5.5	7.0	>	Skill level is likely sufficient
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 87			
Focus Occupation: Home Appliance Repairers (49-9031) Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.8	11.2	0	Current ability level may be sufficient
Extent Flexibility	4.8	11.5	9.7	<	Some improvement in abilities may be required
Visualization	7.5	11.2	11.0	0	Current ability level may be sufficient
Finger Dexterity	7.6	11.1	11.5	0	Current ability level may be sufficient
Multilimb Coordination	6.0	11.1	9.4	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.0	3.7	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	7.4	4.8	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	6.3	3.4	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	5.8	2.5	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 92
Focus Occupation: Home Appliance Repairers (49-9031) Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Assemble and install pipe sections, fittings, or plumbing fixtures	71	
Clean equipment or machinery	20	
Cut, bend, or thread pipe for gas, air, hydraulic, or water lines	84	
Determine installation, service, or repair needed	58	
Estimate time or cost for installation, repair, or construction projects	54	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Install household appliances	92	
Install or replace meters, regulators, or related measuring or control devices	66	
Measure and mark reference points or cutting lines on workpieces	66	
Move or fit heavy objects	8	

Pressure test piping system or equipment for leaks	89
Read blueprints	10
Read specifications	23
Read technical drawings	7
Repair or replace malfunctioning or worn mechanical components	62
Use basic plumbing techniques	72
Use hand or power tools	2
Use oral or written communication techniques	1
Use pipe fitting equipment	80
Use pressure gauges	76
Use soldering equipment	44
Verify levelness or verticality, using level or plumb bob	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Home Appliance Repairers (49-9031)

Associated Occupation: Plumbers, Pipefitters, and Steamfitters (47-2152)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.